

# MODELING AND SIMULATION RESOURCE REPOSITORY (MSRR)

✧ *A CAPABILITIES OVERVIEW* ✧

*MSRR OPENS THE DOOR TO THE MODELING AND SIMULATION WORLD*

# PURPOSE

## OBJECTIVE

*Provide an Overview of the MSRR Program and User Support Capabilities*

## AGENDA

- ❑ What is MSRR?
- ❑ MSRR Goal
- ❑ Advantages to the MSRR Users
- ❑ MSRR Functionality
- ❑ Services Provided to MSRR Users
- ❑ Registration for MSRR

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# WHAT IS MSRR?

*Easily  
Accessible to the  
User Community*



- ❑ A Distributed Network of Resources
- ❑ Organized by Information Domains
- ❑ Maintained by the Resource Owners
- ❑ Providing a Complete Service Infrastructure
  - \* Registration
  - \* Help Desk
  - \* Virtual Card Catalog
  - \* Registered Resource Requests
  - \* Documentation
  - \* Training
  - \* Visualization
- ❑ Classified and Unclassified Systems

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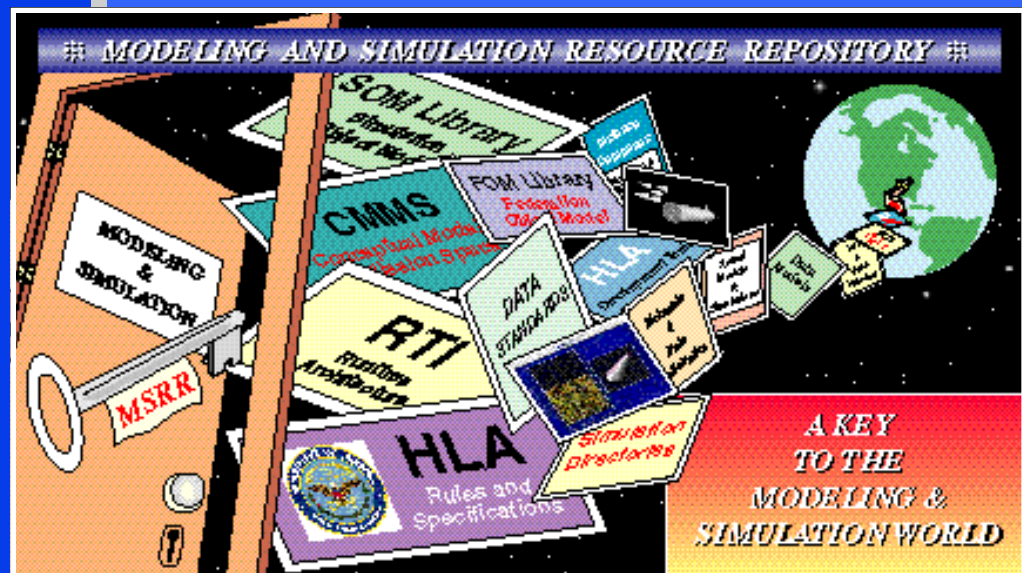
# MSRR GOAL

- Support Pull, Plug, & Play Through Responsive, Timely Access to Authoritative Sources of:

- \* HLA Rules and Specifications
- \* RTI (Runtime Infrastructure)
- \* CMMS (Conceptual Models of Mission Space)
- \* SOM Library (Simulation Object Model)
- \* FOM Library (Federation Object Model)
- \* HLA Development Tools
- \* Simulation Directories
- \* Data Standards

- Reduce Duplication

*Provide User Access to the World of Modeling and Simulation*



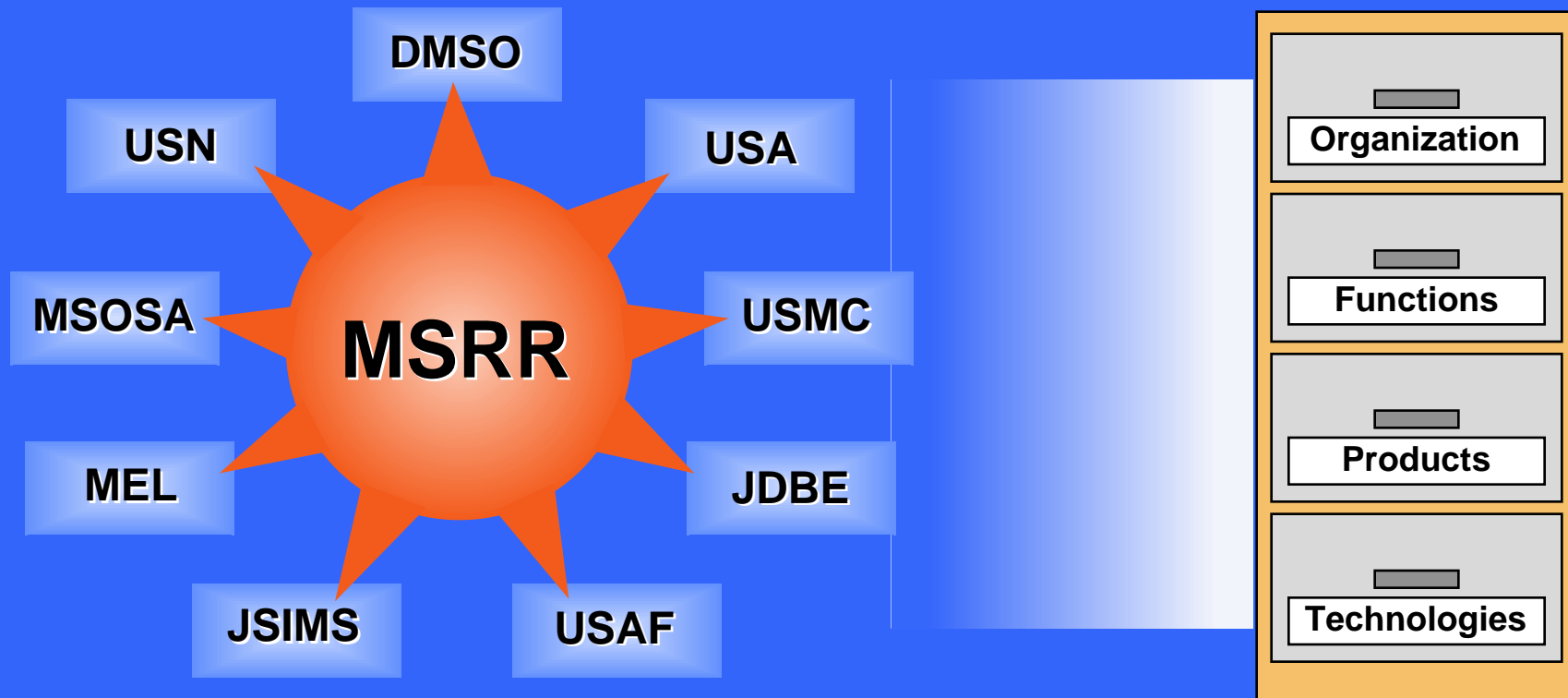
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# ADVANTAGES TO THE MSRR USERS

*Large & Expanding  
Server Network*

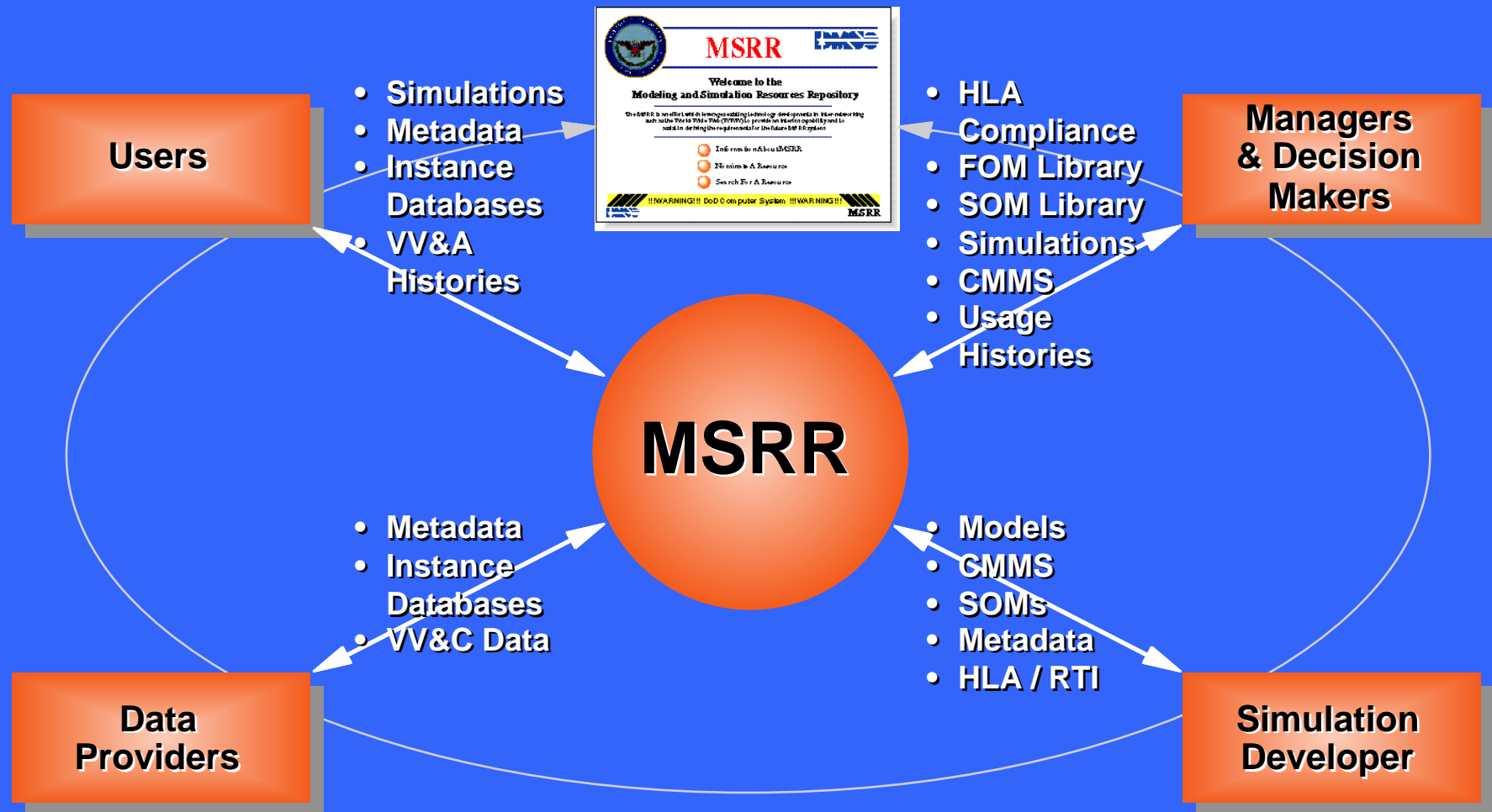
## **EASE OF USE**

Searches are Facilitated by Virtual Card  
Catalog Organized by Information Domains



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# MSRR FUNCTIONALITY



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# SERVICES PROVIDED TO MSRR USERS

## ☐ Registration

- ✧ MSRR Users
- ✧ M&S Resources

## ☐ Help Desk

- ✧ Support Personnel
- ✧ FAQs
- ✧ News Groups

## ☐ Virtual Card Catalog

- ✧ Identification & Location
- ✧ Using Search Engines and Database Queries

## ☐ Registered Resource Requests

- ✧ Standard and Customized
- ✧ Sources Such as MEL, ADRS, FOM Library

## ☐ Visualization

- ✧ Browsers and Viewers
- ✧ Data Reformatters
- ✧ Graphical Interfaces

## ☐ Documentation

- ✧ Operations Guide
- ✧ User's Guide
- ✧ Configuration Management Plan

## ☐ Training

- ✧ Node Installation
- ✧ Node Administration
- ✧ Information Domain
- ✧ Analysis & Organization Configuration Management

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# REGISTRATION FOR MSRR

## ❑ The MSRR Provides Centralized Registration for:

- ✱ Resource Providers
- ✱ Resources (Libraries, Directories, Models, Simulations, Data, Metadata, Algorithms, Tools, and Subject Matter Experts)
- ✱ Resource Consumers, Consumer Groups, and Passwords
- ✱ Information Domains
- ✱ Nodes and Administrators
- ✱ Access Control

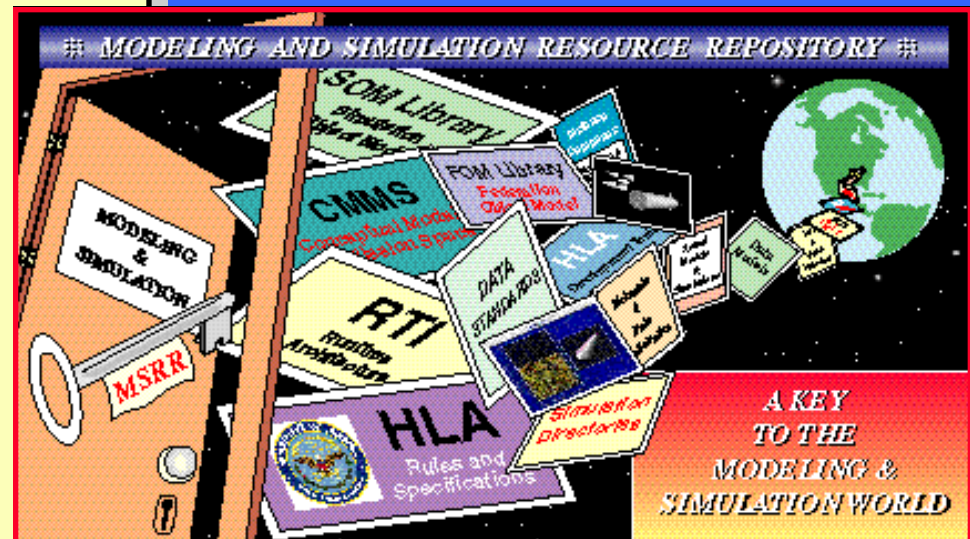
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# MSRR VISION

**To Enable the Customer to Rapidly and Conveniently:**

- ❑ **Locate** Models, Simulations, Data, Tools, and Other Resources Required to Support Simulation Community Needs
- ❑ **Evaluate** the Resource to Assess Its Suitability to the Customer's Application
- ❑ **Access** the POC, Conditions for Release, and When Available, the Resource

***Provide User Access  
to the World of  
Modeling and Simulation***



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*Back Up Slides*

# MSRR IMPLEMENTATION



- *Each SVC/NODE will have the ability to collect and maintain M&S Resource Metadata at a location of their choice.*
- *Registration Metadata will be provided to the MSRR Registration process and centralized database.*

- *MSRR Registration Resource Data will point back to the public SVC/NODE data which will also be available through the WWW.*

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